

Remarks:

Allowable Subject Matter

The examiner is thanked for allowing claims 6-11.

Claim 3 has been amended to include the base claim and intermediate claims, as suggested.

Dependent claims 4, 5, 11 have been amended to depend from the new independent claim 3, and are therefore now also allowable.

Claim Rejections - 35 USC 103

Claims 1, 2, 4, 5 were rejected over Van Lieverloo in view of Lee and further in view of Ker.

It is respectfully pointed out that neither Lee nor Ker disclose or suggest the required closeness requirement provided for in claims 1 and 4.

In particular, in Lee there is no indication of a lightly doped n-type region (LDD) at all. Figure 1 of Lee shows gates 110, 210 and drains 108, 208, and sources 112, 212. The sources and drains are formed in a p-well 104. No mention is made of LDD regions or any lightly doped n-type region having a lower doping than the drain, nor any specific dimensions for such region.

As regards Ker, no specific dimensions are provided for the LDD regions. For instance, in column 7, line 10 the LDD is merely mentioned but no suggestion that there is an increase in size over a regular LDD known in the art.

It should be noted that the present invention specifically defines certain dimensions for the lightly doped region for reasons discussed on page 5, lines 5-15 of the application – namely, to provide redistribution of the electric field by increasing the size of the LDD.

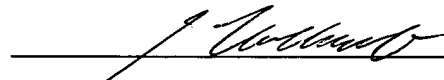
Neither Ker nor Lee show such LDD. Hence neither of these two references are seen as teaching or suggesting the limitations of the claims, when read with Van Lieverloo.

Nevertheless in order to obtain early allowance of this case, applicant has canceled the rejected claims 1 and 2. However, as discussed above, the amendment is not done in order to get around prior art (since the prior art does not teach the dimensional limitations of the present application). Instead, the amendment is merely done to obtain expedited allowance.

It is respectfully submitted that all of the claims remaining in the application, as amended are therefore now allowable and early allowance is respectfully requested.

Respectfully Submitted,

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